

**NOVEL COMPOSITIONS AND METHODS OF SCREENING FOR  
B CELL ACTIVITY MODULATORS**

**ABSTRACT OF THE DISCLOSURE**

5           The invention provides for the identification of all genes, whether known or  
novel, which are differentially expressed within and among B cells, making possible the  
characterization of their temporal regulation and function in the B cell response and/or in B  
cell mediated disorders. Expression profiles, nucleic acids and proteins are provided for  
differing states of B cells, including resting, naïve, activated, tolerant and immunosuppressed  
10 B cells. The present invention makes possible the identification and characterization of  
targets useful in prognosis, diagnosis, monitoring, rational drug design, and/or therapeutic  
intervention of immune system disorders.

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